

Applicant: Cundy et al.
Application No.: Not Yet Known

IN THE ABSTRACT

Please substitute the Abstract submitted herewith on a separate sheet for the Abstract appearing on the face sheet of the International Application as published.

ABSTRACT

An electrokinetic method for groundwater protection, soil remediation and engineering which comprises applying an electric field across an area of soil, sediment or slurry so as to generate a pH and Eh gradient and thereby promote the *in situ* precipitation of a stable iron-rich band. The method may be performed for the purpose of stabilisation and/or strategic dewatering/rewatering of soils, sediment and/or slurries, the improvement of the physical properties of soils and sediments for engineering purposes, the forced and directed migration of contaminated leachates, and/or electro-osmotic purging of non-polar contaminants.